

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 67 (currently amended): A fuel composition comprising:

- a fuel additive comprising:
 - an iron-containing organometallic compound comprising between less than approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive; and
 - fuel;
 - said fuel additive added to said fuel at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel.

Claim 68 (previously presented): The fuel composition of claim 67 wherein said fuel additive further comprises a fuel stabilizer.

Claim 69 (previously presented): The fuel composition of claim 68 wherein said fuel stabilizer comprises a high molecular weight amine.

Claim 70 (previously presented): The fuel composition of claim 69 wherein said high molecular weight amine comprises at least twelve carbon atoms.

Claim 71 (previously presented): The fuel composition of claim 70 said high molecular weight amine comprises between twelve and fourteen carbon atoms.

Claim 72 (previously presented): The fuel composition of claim 70 wherein said high molecular weight amine comprises more than fourteen carbon atoms.

Claim 73 (currently amended): The fuel composition of claim 69 wherein said high molecular weight amine comprises a t-alkyl primary amine Primene® RB-3 fuel additive.

Claim 74 (previously presented): The fuel composition of claim 68 wherein said fuel stabilizer comprises between approximately 0.05 and approximately 0.5 parts by weight of said fuel additive, said fuel composition having a total part by weight of 1.

Claim 75 (previously presented): The fuel composition of claim 74 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 76 (previously presented): The fuel composition of claim 67 wherein said fuel additive further comprises an organometallic compound selected from the group consisting of Mn, Pt, Ce, and mixtures thereof.

Claim 77 (previously presented): The fuel composition of claim 67 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 78 (previously presented): The fuel composition of claim 77 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 79 (previously presented): The fuel composition of claim 67 wherein said fuel additive additionally comprises a high flash solvent.

Claim 80 (previously presented): The fuel composition of claim 79 wherein said solvent comprises naphtha.

Claim 81 (currently amended): The fuel composition of claim 80 wherein said naphtha comprises ~~Conesolve® C-145~~ an aliphatic solvent.

Claim 82 (previously presented): The fuel composition of claim 79 wherein said high flash solvent comprises between approximately 0.1 and approximately 0.6 parts by weight of said fuel additive.

Claim 83 (previously presented): The fuel composition of claim 82 wherein said high flash solvent comprises between approximately 0.2 and approximately 0.4 parts by weight of said fuel additive.

Claim 84 (previously presented): The fuel composition of claim 67 wherein said fuel additive additionally comprises a lubricant.

Claim 85 (previously presented): The fuel composition of claim 84 wherein said lubricant comprises a mineral oil.

Claim 86 (previously presented): The fuel composition of claim 85 wherein said mineral oil is naphthenic.

Claim 87 (previously presented): The fuel composition of claim 84 wherein said lubricant comprises a synthetic oil.

Claim 88 (previously presented): The fuel composition of claim 87 wherein said synthetic oil comprises a petroleum derivative.

Claim 89 (previously presented): The fuel composition of claim 84 wherein said lubricant comprises a low viscosity.

Claim 90 (previously presented): The fuel composition of claim 89 wherein said viscosity is approximately 20 weight or less.

Claim 91 (previously presented): The fuel composition of claim 84 wherein said lubricant comprises between approximately 0.01 and approximately 0.25 parts by weight of said fuel additive.

Claim 92 (currently amended): The fuel composition of claim 91 wherein said lubricant comprises between approximately ~~0.05~~ 0.03 and approximately 0.1 parts by weight of said fuel additive.

Claim 93 (previously presented): The fuel composition of claim 67 wherein said fuel additive additionally comprises a biocide.

Claim 94 (previously presented): The fuel composition of claim 93 wherein said biocide comprises a triazine.

Claim 95 (currently amended): The fuel composition of claim 94 wherein said triazine comprises ~~Vancide®~~ TH hexahydro-1,3,5-triethyl-s-triazine.

Claim 96 (previously presented): The fuel composition of claim 93 wherein said biocide comprises up to approximately 0.02 parts by weight of said fuel additive.

Claim 97 (previously presented): The fuel composition of claim 96 wherein said biocide comprises between approximately 0.0005 and approximately 0.0015 parts by weight of said fuel additive.

Claim 98 (previously presented): The fuel composition of claim 67 wherein said fuel additive additionally comprises a metal deactivator.

Claim 99 (previously presented): The fuel composition of claim 98 wherein said metal deactivator is a polyamine.

Claim 100 (previously presented): The fuel composition of claim 99 wherein said metal deactivator is a diamine.

Claim 101 (previously presented): The fuel composition of claim 100 wherein said diamine comprises at least one amine selected from the group consisting of propane diamine, ethylene diamine and mixtures thereof.

Claim 102 (previously presented): The fuel composition of claim 98 wherein said metal deactivator comprises up to approximately 0.2 parts by weight of said fuel additive.

Claim 103 (previously presented): The fuel composition of claim 102 wherein said metal deactivator comprises between approximately 0.05 and approximately 0.15 parts by weight of said fuel additive.

Claim 104 (previously presented): The fuel composition of claim 79 wherein said fuel additive additionally comprises a biocide.

Claim 105 (previously presented): The fuel composition of claim 79 wherein said fuel additive additionally comprises a metal deactivator.

Claim 106 (previously presented): The fuel composition of claim 84 wherein said fuel additive additionally comprises a biocide.

Claim 107 (previously presented): The fuel composition of claim 84 wherein said fuel additive additionally comprises a metal deactivator.

Claim 108 (previously presented): The fuel composition of claim 93 wherein said fuel additive additionally comprises a metal deactivator.

Claim 109 (previously presented): The fuel composition of claim 84 wherein said fuel additive additionally comprises a high flash solvent.

Claim 110 (previously presented): The fuel composition of claim 109 wherein said fuel additive additionally comprises a biocide.

Claim 111 (previously presented): The fuel composition of claim 109 wherein said fuel additive additionally comprises a metal deactivator.

Claim 112 (previously presented): The fuel composition of claim 106 wherein said fuel additive additionally comprises a metal deactivator.

Claim 113 (previously presented): The fuel composition of claim 108 wherein said fuel additive additionally comprises a high flash solvent.

Claim 114 (previously presented): The fuel composition of claim 67 wherein said fuel additive additionally comprises a high flash solvent, a lubricant, a biocide, and a metal deactivator.

Claim 115 (previously presented): The fuel composition of claim 67 wherein said fuel additive further comprises a dispersant.

Claim 116 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a high flash solvent.

Claim 117 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a biocide.

Claim 118 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a metal deactivator.

Claim 119 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a high flash solvent and a lubricant.

Claim 120 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally a high flash solvent and a biocide.

Claim 121 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a high flash solvent and a metal deactivator.

Claim 122 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a lubricant and a biocide.

Claim 123 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a lubricant and a metal deactivator.

Claim 124 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a biocide and a metal deactivator.

Claim 125 (previously presented): The fuel composition of claim 119 wherein said fuel additive additionally comprises a metal deactivator.

Claim 126 (previously presented): The fuel composition of claim 122 wherein said fuel additive additionally comprises a metal deactivator.

Claim 127 (previously presented): The fuel composition of claim 124 wherein said fuel additive additionally comprises a high flash solvent.

Claim 128 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a high flash solvent, a lubricant, a biocide, and a metal deactivator.

Claim 129 (previously presented): The fuel composition of claim 115 wherein said fuel additive additionally comprises a lubricant.

Claim 130 (previously presented): The fuel composition of claim 122 wherein said fuel additive additionally comprises a high flash solvent.

Claim 131 (previously presented): The fuel composition of claim 79 further comprising a fuel stabilizer.

Claim 132 (previously presented): The fuel composition of claim 84 further comprising a fuel stabilizer.

Claim 133 (previously presented): The fuel composition of claim 93 further comprising a fuel stabilizer.

Claim 134 (previously presented): The fuel composition of claim 98 further comprising a fuel stabilizer.

Claim 135 (previously presented): The fuel composition of claim 115 further comprising a fuel stabilizer.

Claim 136 (previously presented): The fuel composition of claim 109 further comprising a fuel stabilizer.

Claim 137 (previously presented): The fuel composition of claim 104 further comprising a fuel stabilizer.

Claim 138 (previously presented): The fuel composition of claim 105 further comprising a fuel stabilizer.

Claim 139 (previously presented): The fuel composition of claim 106 further comprising a fuel stabilizer.

Claim 140 (previously presented): The fuel composition of claim 107 further comprising a fuel stabilizer.

Claim 141 (previously presented): The fuel composition of claim 108 additionally comprising a fuel stabilizer.

Claim 142 (previously presented): The fuel composition of claim 110 additionally comprising a fuel stabilizer.

Claim 143 (previously presented): The fuel composition of claim 111 additionally comprising a fuel stabilizer.

Claim 144 (previously presented): The fuel composition of claim 112 additionally comprising a fuel stabilizer.

Claim 145 (previously presented): The fuel composition of claim 113 additionally comprising a fuel stabilizer.

Claim 146 (previously presented): The fuel composition of claim 114 additionally comprising a fuel stabilizer.

Claim 147 (previously presented): The fuel composition of claim 116 additionally comprising a fuel stabilizer.

Claim 148 (previously presented): The fuel composition of claim 117 additionally comprising a fuel stabilizer.

Claim 149 (previously presented): The fuel composition of claim 118 additionally comprising a fuel stabilizer.

Claim 150 (previously presented): The fuel composition of claim 119 additionally comprising a fuel stabilizer.

Claim 151 (previously presented): The fuel composition of claim 120 additionally comprising a fuel stabilizer.

Claim 152 (previously presented): The fuel composition of claim 121 additionally comprising a fuel stabilizer.

Claim 153 (previously presented): The fuel composition of claim 122 additionally comprising a fuel stabilizer.

Claim 154 (previously presented): The fuel composition of claim 123 additionally comprising a fuel stabilizer.

Claim 155 (previously presented): The fuel composition of claim 124 additionally comprising a fuel stabilizer.

Claim 156 (previously presented): The fuel composition of claim 125 additionally comprising a fuel stabilizer.

Claim 157 (previously presented): The fuel composition of claim 126 additionally comprising a fuel stabilizer.

Claim 158 (previously presented): The fuel composition of claim 127 additionally comprising a fuel stabilizer.

Claim 159 (previously presented): The fuel composition of claim 128 additionally comprising a fuel stabilizer.

Claim 160 (previously presented): The fuel composition of claim 129 additionally comprising a fuel stabilizer.

Claim 161 (previously presented): The fuel composition of claim 130 additionally comprising a fuel stabilizer.

Claim 162 (currently amended): A fuel composition comprising:
a fuel additive comprising:
an ~~non-platinum~~ organometallic compound other than a platinum compound comprising ~~between~~ less than approximately 0.005 parts by weight of said organometallic compound in said fuel additive; and
fuel;
said fuel additive added to said fuel at a level of 1 part by volume of said fuel additive to at least 5,000 parts per volume of said fuel.

Claim 163 (previously presented): The fuel composition of claim 162 further comprising a fuel stabilizer.

Claim 164 (previously presented): The fuel composition of claim 162 wherein said organometallic compound comprises at least one compound selected from the group consisting of Fe, Mn, Ce and mixtures, thereof.

Claim 165 (previously presented): The fuel composition of claim 164 further comprising an additional organometallic compound comprising a platinum organometallic compound.

Claim 166 (previously presented): The fuel composition of claim 162 further comprising a high flash solvent.

Claim 167 (previously presented): The fuel composition of claim 162 further comprising a lubricant.

Claim 168 (previously presented): The fuel composition of claim 162 further comprising a biocide.

Claim 169 (previously presented): The fuel composition of claim 162 further comprising a metal deactivator.

Claim 170 (previously presented): The fuel composition of claim 162 further comprising a dispersant.

Claim 171 (new): The fuel composition of claim 92 wherein said lubricant comprises approximately 0.5 parts by weight of said fuel additive.